



Product Change Notification / GBNG-21TAFW674

Date:

23-Mar-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4354.002 Final Notice: Qualification of MTAI as an additional assembly site for selected AT24C512C device family available in 8L SOIC (3.90mm) package.

Affected CPNs:

[GBNG-21TAFW674_Affected_CPN_03232022.pdf](#)
[GBNG-21TAFW674_Affected_CPN_03232022.csv](#)

Notification Text:

PCN Status:Final Notification

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.
Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:Qualification of MTAI as an additional assembly site for selected AT24C512C device family available in 8L SOIC (3.90mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site	ASE Advanced Semiconductor (Shanghai) Co., Ltd ASSH	ASE Advanced Semiconductor (Shanghai) Co., Ltd ASSH	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	CuPdAu	CuPdAu	CuPdAu
Die Attach Material	EN-4900G	EN-4900G	8390A
Molding Compound Material	CEL-9240HF10AK	CEL-9240HF10AK	G600V
Lead-Frame Material	C194	C194	CDA194
Lead-Frame Paddle Size	93 x 93 mils	93 x 93 mils	90 x 90 mils
Lead-Frame Lead-lock	No	No	Yes
Lead-Frame Design	See attached Pre and Post Change comparison		

*Note: C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying MTAI as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:April 15, 2022 (date code: 2216)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

Workweek	March 2022				April 2022				
	10	11	12	13	14	15	16	17	18
Final PCN Issue Date				x					
Qual Report Availability				x					
Estimated Implementation Date							x		

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:

March 23, 2022: Issued final notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_GBNG-21TAFW674_Pre and Post Change_Summary.pdf](#)

[PCN_GBNG-21TAFW674_Qual_Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

AT24C512C-SSHD-B

AT24C512C-SSHM-B

AT24C512C-SSHD-T

AT24C512C-SSHM-T